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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

23550 7590 08/15/2006 Certificate of Mailing or Transmission							nicsion					
HOFFMAN WARNICK & D 75 STATE STREET 14TH FLOOR	C I he Stat add tran	reby certify that this Fee(s) Transmittal is being deposited with the United as Postal Service with sufficient postage for first class mail in an envelope essed to the Mail Stop ISSUE FEE address above, or being facsimile smitted to the USPTO (571) 273-2885, on the date indicated below. (Depositor's name)										
ALBANY, NY 12207	%6\ I											
	ا (بېر 60		(Signature)									
ADDI ICATION NO. BIL DIG DATE				(Date)								
APPLICATION NO. FILING DA	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO. C		CONFIRMATION NO.					
10/800,809 03/15/2004			Brian K. Martin		RSW920030299US1 1607							
TITLE OF INVENTION: LOWER OVERHE	AD SHARED C	ACHE INV	ALIDATIONS				••					
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APPLN. TYPE SMALL ENTITY	. ISSUE FE	EE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE					
nonprovisional NO	\$14	00	\$300	\$0 \$1700		\$1700	11/15/2006					
EXAMINER ART UNIT		NIT	CLASS-SUBCLASS	ASS								
MCLEAN MAYO, KIMBERLY N 2187			711-130000									
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. The Address indication (or "Fee Address" Indication form			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. A. Bruce Clay; Hoffman, Warnick & D'Alessandro LLC									
								FIG/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.				
								3. ASSIGNEE NAME AND RESIDENCE DA				•
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.												
(A) NAME OF ASSIGNEE			(B) RESIDENCE: (CITY and STATE) PROBLEMENT 88888949 898461 18888889									
International Business Machines Corporation			Armonk, New York	1k, New York 92 FC:1501 1408.00 DA 300.00 DA								
Please check the appropriate assignce categories (will not be printed on the patent): 🗆 Individual 🗵 Corporation or other private group entity 🗀 Government												
4a. The following fee(s) are submitted:		- · · 4b	. Payment of Fee(s): (Plea	se first reapply an	v previ	ously paid issue fee sl	nown above)					
☑ Issue Fcc		A check is enclosed.										
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.									
☐ Advance Order - # of Copies			The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0461 (IBM) enclose an extra copy of this form).									
5. Change in Entity Status (from status indic	ated above)											
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.			b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).									
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						04.0000						
Authorized Signature			·	Date	August	24, 2006						
Typed or printed name John A. Merecki			Registration No. 35,812									
This collection of information is required by 3 in application. Confidentiality is governed by submitting the completed application form to his form and/or suggestions for reducing this 30x 1450, Alexandria, Virginia 22313-1450. Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, 1	35 U.S.C. 122 at the USPTO. Tim burden, should b DO NOT SEND	nd 37 CFR 1 he will vary e sent to the FEES OR C	.14. This collection is esti depending upon the indivi Chief Information Office OMPLETED FORMS TO	mated to take 12 m dual case. Any cor r, U.S. Patent and 7 THIS ADDRESS.	ninutes t nments Fradema . SEND	o complete, including on the amount of time rk Office, U.S. Depart TO: Commissioner for	gathering, preparing, and you require to complete ment of Commerce, P.O. r Patents, P.O. Box 1450,					